

American FactFinder Exercises

American Community Survey – Employment and Disability

1. Using 2010 data, what is the number of workers in the labor force with a vision disability living in Darlington and Florence counties, South Carolina? Modify table to only show employed with a disability. Download in excel file.

HINTS: Geographies tab > Geography Filter Options = County > Geography Filter Options = Within State > Within State = South Carolina > Geography Results = Darlington and Florence County, South Carolina > Add > Close Select Geographies window > Topics tab > Topics = Dataset > Dataset = 2010 ACS 1-yr estimates > People = Disability > Disability = Disability > Disability = Work Disability Status > Close Select Topics window > Table B18120 > Modify Table > Collapse/expand > Download > Excel > Download > Open

ANSWER: Darlington 106; Florence 255

American Community Survey – Insurance Coverage: Health Insurance

2. Using the American Community Survey 2010 one year estimate data, which state, District of Columbia, Maryland or Virginia has the highest percentage of uninsured population ages 65 years and older? What is that percentage? Create a map.

HINTS: AFF > Topics tab > Topics = People > People = Insurance Coverage > Insurance Coverage = Health Insurance > Close Select Topics window > Geographies tab > Geography Results = Expand per page to 50 > Geography Results = District of Columbia, Maryland and Virginia > Add > Close Select Geographies window > Table S2701 > View > Create a Map > Click 65 years and older row & percent uninsured column on any state > Select a Data Value to Map > Show Map

ANSWER: Maryland; 1.5%

American Community Survey – Educational: Educational Attainment

3. Using the American Community Survey 2010 one year estimate data, what is the number of males 65 years and over with a graduate or professional degree living in Pennsylvania, Ohio, and West Virginia? Modify table results to just show males 65 years and over for all three states.

HINTS: AFF > Quick Start > Topic or table name box = Education; Geography = Ohio > GO > Topics = People > People = Education > Education = Educational Attainment > Topics = Dataset > Dataset = 2010 ACS 1-year estimates > Close Select Topics window

> Geographies > Expand per page from 25 to 75 > State = Pennsylvania and West Virginia > Add > Close window > Search Results = B15001 > View > Modify Table > Collapse/expand > Show/hide

ANSWER: Ohio 66,676; Pennsylvania 89,931; West Virginia 8,585

American Community Survey – Poverty and Race

4. Using the American Community Survey 2010 one year estimate data, what is the poverty rate for all people in all counties in Maryland who classify themselves as White alone? Please provide your answer in percentages. Modify the table- delete Margin of Error columns. Create a map showing the poverty rate for all people who classify themselves as White alone in all counties in Maryland. Use a map marker to label the county with the highest percent of White alone individuals in poverty.

HINTS: AFF > Topics > People > Poverty > Poverty > Close Select Topics window > Geographies > Type “All Counties in Maryland” in the Enter a geography name text box > Click Go > Click on “All Counties within Maryland” in the Geography Results section > Close your Select Geographies window > Race and Ethnic Groups > Type “White alone” in the Enter a race and ethnic group text box > Click go > Click on “White alone” in the Race and Ethnic Group Results section > Close your Select Race and Ethnic Groups window > Click on S0201 Selected Population Profile in the United States

ANSWER: Anne Arundel County 4.6%; Baltimore County 6.2%; Montgomery County 4.8%; Prince George’s County 9%; Baltimore City 17.1%

American Community Survey - Income

5. Using the American Community Survey 2010 one year estimate data, how many individuals in Delaware have an income? How many do not have an income?

HINTS: AFF > Topics > Program > American Community Survey > Year > 2010 > Product Type > Detailed Table > People > Income & Earnings > Income and Earnings (Individuals) Close Select Topics window > Geographies > Click on Delaware in the Geography Results section > Close your Select Geographies window > Click on B06010 Place of Birth by Individual Income in the Past 12 Months (in 2010 Inflation-Adjusted Dollars) in the United States

ANSWER: No income 93,195; With income 637,448

American Community Survey – 3-yr Income: Insurance Coverage: Health Insurance

6. Using the American Community Survey 2010 three year estimates, what is the number of households with an income range of \$75,000 to \$99,999 with private health insurance in Middletown, Connecticut within Middlesex County?

HINTS: AFF > Topics = Dataset > Dataset = 2010 3-year estimates > Topics = People > Income/Earnings (Households) > People = Insurance Coverage > Insurance Coverage = Health Insurance > Close Select Topics window > Geographies > Summary Level = 060 County Subdivision > Within State = Connecticut > Within County = Middlesex County > Middletown, Middlesex County, Connecticut > Add > Close Select Geographies window > Search Results = B27015 > View

ANSWER: 7, 059

American Community Survey – 5 yr Veterans

7. Using the 2006-2010 American Community Survey five year estimates, which places in Connecticut and Massachusetts have the highest percentage of the population 18 years and over who are veterans?

HINTS: AFF > Topics = Dataset > 2010 ACS 5-year estimates > People = Veterans > Veterans = Veteran Status > Product Type = Geographic Comparison Table > Close Select Topics window > Geographies > State = Connecticut and Massachusetts > Add > Close Select Geographies window > Search Results = GCT2101 State-Place and (in selected states) County Subdivision > View > GEO drop box

ANSWER: Gales Ferry CDP, CT 23.2%; Popponesset CDP, MA 39.0%

American Community Survey - 3 yr Employment: Commuting

8. Using the 2008-2010 American Community Survey three year estimates, Which metropolitan area, Rochester or Syracuse, New York has the highest percent of females workers 16 years and over who carpooled to work; worked outside their county of residence; left for work 7:00-7:29; had a travel time of 20-24 minutes to work? Modify results to just show estimates for Rochester and Syracuse for females.

HINTS: AFF > Quick Start> Topic or table name box = Commuting > GO > Geographies > Summary Level = 310 Metropolitan/Micropolitan Statistical Area > Within State = New York > Type of Metropolitan Statistical Area = Metro Area > Rochester, NY Metro Area and Syracuse, NY Metro Area > Add > Close Select Geographies window > Search Results = S0801 3-yr estimates > View > Modify Table > Uncheck columns not associated to women.

ANSWER: Carpooled : Syracuse, NY 9.4; Outside of County: Rochester, NY: 14.8; 7:00-7:29: Syracuse, NY 15.3; Travel time 20-24 mins: Syracuse, NY 19.0

American Community Survey – 5 yr Language: Language Spoken at Home

9. Using the 2005-2009 American Community Survey five year estimates, what county subdivision in Broward County, Florida has the highest population of people 5 years and over who speak French Creole? Create a map showing all the Broward County CCDs.

HINTS: AFF > Geographies > Summary Level = 060 County Subdivision > Within State = Florida > Within County = Broward > All County Subdivisions within Broward County, Florida > Close Select Geographies window > Topics = Dataset > Dataset = 2009 ACS 5-year estimates > Topics = People > People = Language > Language = Language Spoken at Home > Search Results = B16001 > View > Create a Map > Select French Creole data row > Select a Data Value to Map = Show Map

ANSWER: Fort Lauderdale CCD, Florida 19,799

Summary File 1 – Race and Ethnicity: Hispanic or Latino

1. Find a table that displays the number of individuals who are of Hispanic or Latino origin, by race, for Kansas and Nebraska. Which state has more Hispanic or Latinos who consider themselves White alone?

HINTS: AFF > Quick Start > Type “total population” and click Go > Topics filter: Dataset > select 2010 SF 1 100% Data > Topics filter > People > Race and Ethnicity > Hispanic or Latino > Close Select Topics window > Geographies filter > select 50 items per page > Select Kansas and Nebraska and click Add > Close the Select Geographies window > click on P5 Hispanic or Latino Origin by Race

Summary File 1 – Housing: Census Tracts

2. Using 2010 Summary File 1 data, which block group and census tract has the highest number of housing units in Kent County, Delaware? Transpose the rows and columns and sort data in ascending/ descending order.

HINTS: AFF>Topics > Datasets>2010 SF1 100% Data > Housing=Basic Count/ Estimate > Housing Units > Close Select Topics window > Geographies > Summary Level >150 Block Group > Within State > Delaware > Geography Results: Click on All Block Groups within Kent County, Delaware > Close Select Geographies window > Click on Search Results: H1 Housing Units

Answer: Block Group 2, Census Tract 402.02, Kent County, Delaware- 3,039

Summary File 1 - Housing

3. Compare 2000 Summary File 1 and 2010 Summary File 1 housing unit data for Block Group1, Census Tract 422.01 in Kent County, Delaware. How many more housing units are in this geography in 2010 than in 2000?

HINTS: AFF > Topics > Datasets > 2010 SF1 100% Data > Housing=Basic Count/ Estimate > Housing Units > Close Select Topics window > Geographies > Summary Level >150 Block Group > Within State > Delaware > Geography Results: Click on All Block Groups within Kent County, Delaware > Close Select Geographies window > Click on Search Results: H1 Housing Units > Datasets > 2000 SF1 100% data > Check the boxes for: H1 Housing Units 2010 SF 1 100% Data and H001 Housing Units [1] 2000 SF 1 100% Data > Click View

Answer: 584

Summary File 1 – Basic Count/Estimate: Group Quarters Population

4. Using 2010 Census Summary File 1 data, create a map that shows group quarters population, by sex by age, for females, ages 60-64 years of age in Armstrong County and Butler County, Pennsylvania. Highlight and use a map marker to label Ford City borough, Pennsylvania in your map.

HINTS:AFF > Quick Start > Type “group quarters” in the “topic or table name” > click Go > Click the Geographies filter > Type “County Pennsylvania” in the empty text box > click Go > Check boxes for Armstrong County and Butler County > click Add > Close the Select Geographies window > Click PC01 Group Quarters Population by Sex by Age.

Census 2010 – Redistricting data: Housing

1. Using Census 2010 data, what is the number of vacant housing units in Maryland, Louisiana, and Virginia?

HINTS: AFF > Topics = Year > Year = 2010 > Product type = Detailed Tables > Dataset = 2010 Redistricting Data SF > Close Select Topics window > H1 Occupancy Status, 2010 Redistricting Data SF (PL 94-171) table > View

ANSWER: Louisiana 236,621; Maryland 222,403; Virginia 308,881

Census 2010 – Total Population

2. Using Census 2010 data, what is the total population for Baton Rouge city, LA,

Richmond city, VA, and Silver Spring CDP, MD? Modify results to show Richmond data only.

HINTS: AFF > Geographies > type in text box = Baton Rouge city, LA, click go, Select Baton Rouge city, LA from Geography Results > Clear Geography Filter > Type in text box = Richmond city, VA, click go, Select Richmond city, VA from Geography Results > Clear Geography Filter > Type in text box = Silver Spring CDP, MD > click Go > Close Select Geographies window > Topics = Datasets > Datasets = 2010 Redistricting > Close Select Topics window > Select Table P1 > View > Modify table > uncheck columns

Answer: Baton Rouge city, LA - 229,493, Richmond city, VA - 204,214, Silver Spring CDP, MD - 71,452

Census 2010 – Age Group: Older Population

3. Using Census 2010 Data Profiles, What is the percent of households with individuals 65 years and over in Lynchburg, and Southaven, Mississippi?

HINTS: AFF > Quick Start = data profiles > Click GO > Topics = Year > Year = 2010 > Close Select Topics window > Geographies > Geography Filter Options = City or Town > Within State = Mississippi > Within County = Desoto > Geography Results = Check Lynchburg CDP, Mississippi and Southaven city, Mississippi > Add > Close Select Geographies window > Select DP1 > View >

Answer: Lynchburg CDP, MS – 16.3, Southaven city, MS – 20.0

Census 2010 – Race and Ethnicity: Asian

4. Using Census 2010 data, how many places in Maryland have an Asian Population greater than 10,000? What place has the highest Asian Population?

HINTS: AFF > Topics > Year > 2010 > People = Race & Ethnicity > Race & Ethnicity = Asian > Product Type > Geographic Comparison Tables > Close Select Topics window > GCT-PL1 State – Place > GEO: Maryland > Scroll and arrow down

Answer: 6; Germantown CDP – 17,090

Census 2010 – Demographic Profile: Race and Ethnicity

5. Using Census 2010 Demographic Profile, which Delaware county has the largest percent of the population that claim to be Hispanic or Latino (of any race)? Of the Hispanic or Latino race categories, which category has the larger population? Modify your table to display the Hispanic or Latino categories. Download in excel.

HINTS: AFF > Geographies > County > All counties in Delaware > Add > Close Select Geographies window > DP-1 > View > GEO: box > New Castle County, Delaware > Modify table, Hide Table Tools > Download > Microsoft Excel > OK

Answer: New Castle County, DE; Mexican 3.8

Economic - Business Patterns - By Employment Size Class

1. Using 2009 County Business Patterns, which Colorado metro area, Boulder, Colorado Springs, or Denver-Aurora had the highest number of establishments with 50 to 99 employees?

HINTS: AFF > Topics = Dataset > Dataset = 2009 Business Patterns > Close Select Topics window > Geographies = Metro/micro areas > Within State = Colorado > Boulder, Colorado Springs, Denver-Aurora, CO > Add > Close Select Geographies window > Industry Codes = Industry sector > Industry sector = 44-45 Retail Trade > Industry Code Results = 44-45 Retail trade > Close Select Industry Codes window > Search Results = CB0900A3 > View

ANSWER: Denver – Aurora, CO: 252

Economic – Business Patterns – Geographic Areas

2. Using the 2009 County Business Patterns for Illinois, what is the number of establishments and annual payroll for industry code 721191?

HINTS: AFF > Industry Codes > Type in text box “accommodations” > All available codes within sub sector 721: Accommodations > Close Select Industry window > Geographies > Geography Filter Options = State > State = Illinois > Add > Close Select Geographies Window > Search Results = CB0900A1 > View >

ANSWER: 36; 1,148 (1,000)

Economic – Non-Employer Statistics – Geographic Areas

3. Using the 2009 Non-Employer Statistics, what is the number of establishments for industries 812111 and 812112 in the counties of Dallas and Houston, TX?

HINTS: AFF > Topics=Dataset > Dataset = 2009 Nonemployer Statistics > Close the Select Topics window > Industry Codes > Industry Subsector = 812 Personal and Laundry Svcs > Industry Level = 6-digit U.S. NAICS industry > Industry Code Results =

812111 and 812112 > Add > Close the Select Industry window > Geographies > Geography Filter Options = County > Geography Filter Options = Within State = Texas > Expand per page to 75 > Geography Results = Dallas County > Add > Page 2 > Geography Results = Houston County > Add > Close Select Geographies Window > Search Results = NS0900A2

ANSWER: Dallas County – Barber Shops – 1,520; Beauty Salons – 6,192
Houston County – Barber Shops – 8; Beauty Salons – 39

Annual Survey of Manufactures - Value of Shipments

4. Using the 2009 Annual Survey of Manufactures, what is the total cost of manufacturing materials for the state of Minnesota?

HINTS: AFF > Topics > Dataset > Dataset = 2009 Annual Survey of Manufactures > Close Select Topics window > Geography > Geography Filter Options = State > Geography Results = Minnesota > Add > Close Select Geographies window > Search Results = AM931AS101 > View

ANSWER: 53,166,043 (1,000)

Economic

5. From the 2007 Economic Census, what are the sales for NAICS code 44-45 Retail Trade for Crockett, Cumberland, and Davidson Counties, Tennessee? Create a map with results.

HINTS: AFF > Topics > Dataset > Dataset = 2007 Economic Census > Close Select Topics window > Geographies > Geography Filter Options > Counties > Within State = Tennessee > Geography Results = Crockett, Cumberland, Davidson Counties, Tennessee > Add > Close Select Geographies window > Search Results = EC0744A1 > View > Create a Map > Select a Data Value to Map = Show Map

ANSWER: Crockett – 65,024; Cumberland – 596,983; Davidson 10,581,843

6. As of 2007, what is the number of establishments, and revenue in NAICS sector 53 for Real Estate and Rental and Leasing for the Nashville-Davidson Metropolitan/Micropolitan Area? Change table layout by transposing rows and columns.

HINTS: AFF2 > Topics > Dataset > Dataset = 2007 Economic Census > Close Select Topics window > Geographies > Geography Filter Options = Within State > Within State

= Tennessee > Within Metropolitan/Micropolitan Statistical Area (MSA) > Within MSA = Nashville-Davidson-Murfreesboro-Franklin, TN > Geography Results = Nashville-Davidson (MA) > Add > Close Select Geographies window > Search Results = EC0753A1 > View > Action = Modify Table > Transpose Rows/Columns

ANSWER: 1,846; 2,703,488 (1,000)

7. As of 2007, what are the sales, shipments, receipts, and revenues for industry code 812210 for Columbus city, Ohio? Annual Payroll? Create a bookmark to favorites.

HINTS: AFF > Topics > Topics = Dataset > Dataset = 2007 Economic Census > Close Select Topics window > Industry codes > Industry Code Filter Options = NAICS > Industry level = 6-digit > Enter an industry text box = 812210 > Enter or GO > Industry Code Results = 812210 > Close Select Industry Codes window > Geographies > Geography Filter Options = city or town > Within state = Ohio > Place program type = Economic place > Geography Results = Columbus city, Ohio > Close Select Geographies window > Search Results = EC0700000A1 > View > Bookmark > Create Bookmark > Add

ANSWER: 30,570 (1,000); 9,400 (1,000)